

Malnad College of Engineering, Hassan

(An Autonomous Institute, Affiliated to V.T.U, Belagavi)

Faculty Biodata

GENERAL INFORMATION AND ACADEMIC BACKGROUND

PART-A

1.	Name(in Block Letters)	CHETHAN KUMAR N T
2.	Qualification	B.E., M.Tech
3.	Date of joining the service at MCE	26 – 08 – 2019
4.	Department	Civil Engineering
5.	CurrentDesignation & Experience in MCE	Assistant Professor & 4.2 Years
6.	Teaching Experience: P.G. (in Years) : U.G. (in Years) :	4.2
Research Experience (in Years)		
7.	a) Total Number of years b) Years spent in M. Phil. / Ph.D. c) Years of Guiding Ph.D. / M. Phil. d) Total No. of papers Published in i. International Journals ii. National Journals iii. Conference Proceedings e) Total No. of Conferences/Seminar/Workshop Attended i. International ii. National iii. State Level	23 Nil Nil 02
8.	Awards /Prizes/ Honor's / Recognitions	KSCST – Best Project of the Year 2018–19(42 nd Series)
9.	Fields of Specialization under the Subject / Discipline	Transportation Engineering & Management
10.	Orientation/Refresher Course/Summer School / Winter School/Workshops attended:	National Workshops Attended – 01 Training Program organised – 02 FDP's Attended,Offline – 09 FDP's Attended,Online – 14 Seminar's attended – 02 NPTEL courses – 05 AICTE,National Initiative for Technical Teachers Training (8 Weeks) – 08

PART-B

1. List of Publications:

Sl. No	Title	Journal	ISBN	Vol	Issue	Month/ Year
1	Impact of Road Side Bus Stops on Capacity of Roadway	International Journal of Advanced Technology in Engg and Science.–Peer Reviewed (Refereed)	2348 – 7550	03	07	July 2015
2	Hypo Sludge Paver Blocks	International Journal of Advanced Technology in Engg and Science.–Peer Reviewed (Refereed)	2348 - 7550	04	07	July 2016
3	Effect of Carbonates on Compaction Behaviour of Lime Treated BC Soil Treated, Fly Ash Mixtures	International Journal of science & engineering development research – Open-Access <i>peer reviewed</i>	2455-2631	01	07	July 2016.
4	Compressive Strength of Concrete Using Bottom Ash As 100% Replacement For Fine Aggregate	International Journal of Engineering Science and Computing– <i>Peer-reviewed</i>	2250 - 1371	06	08	Aug 2016
5	Analysis on Performance of Terrazyme Stabilized Soil by Using Kenpave Software	International Journal of Engineering Science and Computing– <i>Peer-reviewed</i>	2250 - 1371	06	10	Oct 2016
6	Roadway Capacity Estimation by Microsimulation Modelling	International Journal of Advanced Technology in Engg and Science. – Peer Reviewed (Refereed)	2348 - 7550	05	01	Jan 2017

7	Accident Black Spot Analysis in Mangaluru	International Journal of Advanced Technology in Engg and Science. – Peer Reviewed (Refereed)	2348 - 7550	05	01	Jan 2017
8	Study on Failure of High Embankment Inroad Work on Marshy Area and rectification Works By Implementation of Ground Improvement Techniques specific To The Ground Condition	International Journal of Advanced Technology in Engg and Science. – Peer Reviewed (Refereed)	2348 - 7550	05	03	Mar 2017.
9	Stabilization of Black Cotton Soil Using Plastics	International Journal for Science and Advance Research in Technology– Open-Access <i>peer reviewed</i>	2395-1052	03	05	May 2017
10	Partial Replacement of Bitumen By Waste Plastic In Road Construction	International Journal for Science and Advance Research in Technology– Open-Access <i>peer reviewed</i>	2395-1052	03	06	June 2017
11	Design and proposal of an alternative alignment for Bolwar-Puttur road of Dakshina Kannada district	International Journal of Advanced Technology in Engg and Science. – Peer Reviewed (Refereed)	2348 - 7550	05	08	Aug 2017
12	Structural Analysis and Design of Crude Oil Desalination Plant	International Journal for Science and Advance Research in Technology– Open-Access <i>peer reviewed</i>	2395-1052	03	07	May 2017
13	Strength Performance of Concrete by Partial Replacement of Fine Aggregate by Bottom Ash	International Journal for Science and Advance Research in Technology– Open-Access <i>peer reviewed</i>	2395-1052	03	06	June 2017
14	Improvement of Various At-Grade Intersections of	International Journal of Advanced	2348 -	06	08	Aug

	Shivamogga City	Technology in Engg and Science. – Peer Reviewed (Refereed)	7550			2017
15	Comparitive Study of Used Foundry Sand for Rigid Pavements	International Journal of Advanced Technology in Engg and Science. – Peer Reviewed (Refereed)	2348 - 7550	06	08	Aug 2017
16	Traffic Signal Design in Shimoga City	International Journal of Advanced Technology in Engg and Science. – Peer Reviewed (Refereed)	2348 - 7550	06	08	Aug 2017
17	Strength Characteristics of Clayey Soil Stabilized Using Nontraditional Stabilizer	International Journal for Science and Advance Research in Technology– Open-Access <i>peer reviewed</i>	2395-1052	04	01	Jan 2018
18	Pervious Concrete – An Approach For Sustainable Urban Roads	International Journal for Science and Advance Research in Technology– Open-Access <i>peer reviewed</i>	2395-1052	04	05	May 2018
19	Design Of Flexible Pavement And Stabilizing Sub Grade Soil With Coir Waste	International Journal of Advance Research in Science and Engineering– Open-Access <i>peer reviewed</i>	2319-8354	07	05	May 2018
20	Study on The Performance Of Crumb Rubber Modified Bitumen By Varying the Size of Crumb Rubber	International Journal of Advance Research in Science and Engineering– Open-Access <i>peer reviewed</i>	2319-8354	07	06	June 2018
21	One Step Towards Swachh Bharath	International Journal for Science and Advance Research in Technology– Open-Access <i>peer reviewed</i>	2395-1052	04	07	July 2018

		<i>reviewed</i>				
22	Use of Coir Geotextile in Rural Roads	International Journal for Science and Advance Research in Technology– Open-Access <i>peer reviewed</i>	2395-1052	04	07	July 2018
23	Case Study on Replacement of Fine Aggregate with Demolition Waste	International Journal of Innovative Research in Science, Engineering & Technology	2319-8753	11	07	July 2022

- 2. Responsibilities in the Department and Institute / University:** (DAC,DPC, BOS, BOE etc., Institutional Governance responsibilities like, Dean, Chief warden, Warden, HOD's, School/Centre Chairperson, IQAC Coordinator etc.)

Sl. No	Responsibilities
1.	Board of Studies
2.	Board of Examiners
3.	Time table coordinator
4.	
5.	
6.	

3. Details of Teaching Related Activities

Sl. No.	Academic Year	(B. E/M.Tech)	Course Title
1			
2	2022 – 23, Even Sem	B.E	Highway Engineering Highway & Concrete laboratory
3	2023 – 24, Odd Sem	B E	Railways, Harbour & Airport Engineering Pavement Analysis & Design Computer Aided Design Laboratory

PART-C

Professional Development Activities		
	Membership in profession related committees at state and national level a) At International b) At national level: c) At state :	
	Participation in subject associations, conferences, seminars without paper presentation	
	Participation in short term training courses less than one week duration in educational technology, curriculum development, professional development, Examination reforms, Institutional governance	
	Membership/participation in State/Central Bodies/Committees on Education, Research and National Development	
	Publication of articles in newspapers, magazines, or other publications (not covered in category 3); radio talks; television programmes	
	Invited Expert Talks	

RESEARCH, PUBLICATIONS AND ACADEMIC CONTRIBUTIONS**1. Published Papers in Journals**

Sl. No.	Title	Journal with Vol. Year & Page No.	ISSN / ISBN No.	Whether peer reviewed. Impact factor, if any	No. of Co-authors	Whether you are the main author or Guide / mentor
1						

2. Training Courses, Teaching-Learning-Evaluation Technology Programs, Faculty development Programmes IS IT CONDUCTED OR ATTENDED**FDP's Attended – Offline**

Sl. No.	Title	Conducted by	From	To	No.of days
1	Recent Advances in Traffic Engg. & Transportation Planning	MCE, Hassan	8 th Dec 2014	13 th Dec 2014	06

2	Holistic view to Construction Practice	SCEM, Mangaluru.	24 th Jun 2015	27 th Jun 2015	04
3	Cype software & its application in Civil Engg.		28 th Dec 2015	29 th Dec 2015	02
4	World Environment Day – Connecting People to the Nature		9 th Jun 2017	10 th Jun 2017	
5	Classroom to Board room		16 th Feb2017	17 th Feb 2017	
6	Outcome Based Education & Blooms Taxonomy		6 th Jul 2017	7 th Jul 2017	
7	Eco- friendly Products & Practices		27 th Apr 2018	28 th Apr 2018	
8	New Model Curriculum for First year CBCS syllabus (2018 – 19) including CO and Blooms Taxonomy		19 th May 2018	19 th May 2018	01
9	World Environment Day – 2019 Beat Air Pollution		28 th Jun 2019	29 th Jun 2019	02

FDP's Attended – Online

Sl. No.	Title	Conducted by	Certificate No.	From	To	No.of days
1	Innovation technologies in Civil Engineering	St. Peter Engineering College, Hyderabad	---	01 st Jun 2020	5 th Jun 2020	05
2	Technologies for infrastructure Planning, Design, Monitoring & Mngmt.	Nalla Malla Reddy Engineering college, Hyderabad	ULWQJ0-CE000057	16 th Jun 2020	20 th Jun 2020	
3	Recent Developments in Cement Concrete Pavements	AICTE Training And Learning (ATAL) Academy byRajiv Gandhi University of Knowledge Technologies(RGUKT)	ATAL/2020/ 1598461240	07 th Sep 2020	11 th Sep 2020	
4	Sustainable Materials for smart cities: Challenges and	ATAL Academy by S R Engineering College.	ATAL/2020/ 1599228579	21 st Sep 2020	25 th Sep 2020	

	Recent trends					
5	Creating the Smart & Green Society through Advance	MCE, Hassan	---	Phase – 1		06
	10 th Dec 2020			15 th Dec 2020		
	Phase – 2					
	17 th Dec 2020			22 nd Dec 2020		
6	Smart Cities - Concept, Strategies, Opportunities & Challenges	ATAL Academy by Nitte Meenakshi Institute of Technology, Bangalore.	ATAL/2020/1609237373	05 th Jan 2021	09 th Jan 2021	05
7	Design and Evaluation of Flexible Pavements in Indian Context	ATAL Academy by Indian Institute of Technology Jammu.	ATAL/2020/1609236448	01 st Feb 2021	05 th Feb 2021	
8	Sustainable Advancements in Transportation Engineering	Pandit Deendayal Energy University, Gandhinagar	---	17 th Apr 2021	19 th Apr 2021	03
9	Aspects of Sustainable Construction Practices	AICTE Training and Learning (ATAL) Academy Government College of Engineering, Nagpur.	ATAL/2022/1641051723	03/01/2022	07/01/2022	05
10	Self Sustainable Buildings	Presidency University and Karnataka Science & Technology Academy	PU – CIV – SSB – 100	12/09/2022	16/09/2022	05
11	Futuristic trends in Civil Engineering	Kongunadu College of Engineering, Tiruchirapalli	22 – 23 – FDP01/73	06/02/2023	11/02/2023	06
12	Application of Data science & ML in Research process	Nagarjuna Degree College	---	13/02/2023	17/02/2023	05
13	Air, Water Pollution and Health	NITTTR, Kolkatta	NITTTRK/ICT/2023-24/2858	31/07/2023	04/08/2023	05

14	Advancements in Concrete technology	Bellary Institute of Technology, Bellari	F7L1O0-CE000005	02/11/2023	07/11/2023	05
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Sl. No.	Name of Course/Summer/Winter School	Duration	Organized By
1.	M1 – Orientation towards Technical Education & Curriculum Aspects.	8 weeks	NITTT
2.	M2 – Professional Ethics & Sustainability.	8 weeks	NITTT
3.	M3 – Communication Skills, Modes & Knowledge Dissemination	8 weeks	NITTT
4.	M4 – Instructional Planning and Delivery	8 weeks	NITTT
5.	M5 – Technology Enabled Learning & Life Long Self Learning	8 weeks	NITTT
6.	M6 – Student Assessment and Evaluation	8 weeks	NITTT
7.	M7 – Creative Problem Solving , Innovation and Meaningful R & D	8 weeks	NITTT
8.	M8 – Institutional Management & Administrative Procedures	8 weeks	NITTT
9.	Introduction to Research	8 weeks	IIT, Madras
10.	Glass Processing Technology	12 weeks	IIT, Roorkee IIT, Madras
11.	Glass in buildings, Design and applications	12 weeks	IIT, Roorkee IIT, Madras
12.	Effective Engineering Teaching in Practice	8 weeks	IIT, Madras
13.	Accreditation to UG Engineering Program	8 weeks	NITTTR, Bhopal

1. Papers presented in Conferences, Seminars, Workshops, Symposia

Sl. No.	Title	Title of Conference/Seminar etc.	Date s of the Event	Organized by	Whether International/National/State/Regional/University/College Level
1	PHYSICAL & MECHANICAL PROPERTIES OF AGGREGATES USED FOR CELL FILLED PAVEMENT	EMERGING TRENDS AND SUSTAINABLE DEVELOPMENTS IN CIVIL ENGINEERING – ETSDCE – 2023	27–04–2023	Sri Siddhartha Institute of Technology, Tumakuru	International
2	CHARACTERIZATION OF FLEXIBLE CONCRETE	INTERNATIONAL CONFERENCE ON INTERDECIPLIN	07–07–2023	Jyothi Institute of Technology	International

	PAVEMENTS USING DEMOLITION WASTE AND LATERITE	ARY APPROACHES IN CIVIL ENGINEERING FOR SUSTAINABLE DEVELOPMENT – IACESD – 2023		gy, Bangalor e	
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